Jeffrey Sternberg

2212 W Iowa St, Apt 2
Chicago, IL 60622

Email: jeffrey.l.sternberg@gmail.com
Phone: (734) 516-3990

Research and Teaching Focus:

Urban sociology, Economic geography, Computational social science, Cultural sociology, Globalization, Community development & urban policy, Western marxism & social theory, Mobility, Urban politics & right to the city

Professional Appointments

2024 – Present	Director of Research & Evaluation, Steans Family Foundation (August 21st, 2024 to Present)
2023 – 2024	Deputy Director of Research & Outcomes, Data Strategy & Analytics, City of Detroit (April 18th, 2023 to July 19th, 2024))
2022 – 2023	Director of Data & Community Research, Community Health Corps, Detroit at Work (July 6th, 2022 to April 14th, 2023)
2021 – 2022	Postdoctoral Researcher, Bureau of Business Research, IC^2 Institute, University of Texas at Austin (September 1, 2021 to June 24th, 2022) PI: Matt Kammer-Kerwick

Education

2021	PhD – Sociology, Northeastern University, Boston, MA
	• <u>Dissertation:</u> "Urban Prospecting: The New Trajectories of Labor and the Making of the Digital Nomad." <u>Committee:</u> Liza Weinstein (Chair), Laura K. Nelson, Nina Sylvanus, Timothy Cresswell
2017	M.A. – Sociology, Northeastern University, Boston, MA
	• <u>Concentrations</u>: Computational Social Science and Qualitative Research Methods
2013	B.A. – Philosophy, Michigan State University, East Lansing, MI
	• <u>Concentrations:</u> Political Theory and Media Studies. <u>Thesis:</u> "Constructive Political Action: An exploration of political action in the traditions of Marx and Radical Democracy." <u>Advisor:</u> Christian Lotz,

Research and Publications

<u>Doctoral Dissertation</u>
Urban Prospecting: The New Trajectories of Labor and the Making of the Digital Nomad. May 12th, 2021. DOI: [10.17760/D20409513](#)

Published Reports
Lead Author. "The City of Detroit's Annual ARPA Recovery Performance Report 2024." Delivered to U.S. Treasury July, 27th, 2024. Made public to media, residents, funders, researchers, and city-actors for transparency, analysis and use.

Lead Author. "~~The City of Detroit's Annual ARPA Recovery Performance Report 2023~~." Delivered to U.S. Treasury July, 27th, 2023. Made public to media, residents, funders, researchers, and city-actors for transparency, analysis and use.

Contributor. Dell Medical School Impact on Innovation: Biomedical and Life Sciences Dell Medical School Impact on Innovation: Biomedical and Life Sciences. Bureau for Business Research, IC2 Institute, The University of Texas at Austin · Oct 25, 2022

Peer Reviewed Articles
Kammer-Kerwick, Matt, Kara Takasaki, J. Bruce Kellison, **Jeff Sternberg** – "Asset-Based, Sustainable Local Economic Development: Using Community Participation to Improve Quality of Life Across Rural, Small-Town, and Urban Communities" at *Applied Research in Quality of Life.* DOI: 10.1007/s11482-022-10051-1. Accepted, in process of publication.

Working Papers
Sternberg, Jeff – "Co-living (as a way of life) – The Urbanism of the New Urban Crisis in Los Angeles" at *International Journal of Urban and Regional Research.* DOI: 10.31235/osf.io/nhsd8

Sternberg, Jeff – "Revisiting the Urban Question in the Age of the New Urban Crisis: The (Re)Production of the Regime of Flexible Accumulation" at *Environment & Planning A: Economy and Space.* DOI: 10.31235/osf.io/gbq78

Manuscripts Under Preparation & Active Projects
Sternberg, Jeff – "America to the Rescue? The emergent municipal state and local contradictions of the American Rescue Plan Act" being prepared for submission to the *New Left Review*

Sternberg, Jeff - "A longitudinal view of the impact of COVID-19 on Domestic Migration patterns" being prepared for submission to the American Association of Geographers (AAG) in Detroit, MI in 2025.

Sternberg, Jeff – *The Making of a Remote Class: The Fate of Labor, Place and the Self in the Age of the Digital Nomad*. Book proposal being prepared for submission to Bloomsbury Academic Press and Verso.

Sternberg, Jeff – "Digital Nomad Cities: Beyond the Global City and Towards an Unbundling of the Agglomeration Economy." Being prepared for submission to *Urban Geography*

Sternberg, Jeff, Matt Kammer-Kerwick – "What Drives Relocation? The Origin? The Destination? Or Both? – A Choice-Selection Experiment in Residential Mobility between Multi-Dimensional Communities". Being prepared for Submission to *Rural Sociology*.

Conferences & Presentations

Refereed Conference Presentations
2025   American Association of Geographers (AAG); Detroit, MI

2023   National League of Cities (NLC); Atlanta, GA

Invited Speaker for panel on "Using a Data-driven Approach to Build Innovative Policies"

2022   International Geographical Union (UGI-IGU); Paris, France
        "The emerging global-urban circuits of digital nomad mobility: The unbundling, dispersion, and relocation of agglomeration economies within and beyond the global city"

2022   Association for University Business and Economic Research (AUBER); Boulder, CO
        "Residential Mobility, Community Origins and Chosen Destinations: A Choice Experiment between Multi-dimensional Communities"

2020   American Sociological Association (ASA); San Francisco (Online)
        "Using Textual Analysis to Explore Symbolic and Material Interactions between the Platform Economy and Urban Space"

2020   International Conference on Computational Social Science (IC2S2); Cambridge, MA (Online)
        "The Unbundling of the Agglomeration Economy: The New Urban Networks of Digital Nomads and Remote Work"

2019   Politics and Computational Social Science Conference (PaCSS); Washington D.C.
        "Using Computer Vision to Capture the Collective Perception of a Neighborhood"
                Co-Authored: Laura K. Nelson, Jeffrey Sternberg

2019   American Sociological Association (ASA); New York
        "Revisiting the Urban Question in the Age of the New Urban Crisis: The (Re)production of the Regime of Flexible Accumulation"

        "Exploring the Use of Machine Vision to Understand Neighborhood Inequality"
                Co-Authored: Laura K. Nelson, Jeffrey Sternberg, Tirthak Lalitbhai Patel, and Devesh Tiwari

2018   American Sociological Association (ASA); Philadelphia
        "The Making of the Urban Nomad: Co-Living, Place Resumes, and Class Formation in Los Angeles"

2017   American Sociological Association (ASA); Montreal
        "Mobile & Plugged In: Navigating Co-Living Networks in Post-Industrial Los Angeles"
2017   The International Association for the Study of the Commons (IASC); Utrecht 2017
        "Mobile & Plugged In: Navigating Co-Living Networks in Post-Industrial Los Angeles"

2016   American Sociological Association (ASA); Seattle
        "A Dialectic of Constitution and Discourse in Marx, Durkheim, and Weber"

2016   The Society for the Study of Social Problems (SSSP); Seattle
        "The Politics of Knowledge Production"

2016   The Social Science History Association (SSHA); Chicago
        "The Politics of Knowledge Production"

2016   Boston College's Growing Apart: The Implications of Economic Inequality Conference; Boston
        "The Politics of Knowledge Production"

2011   MSU Undergraduate Philosophy Conference; East Lansing
        "Developing the Concept of Alienation in Marx"

Invited Talks and Workshops Led
2020   Talk on "Examining the Components of City Image using Flickr and Computer Vision" at the NULab for Texts, Maps, and Networks' Speed Data-ing Event, Northeastern University, Boston, MA, February 24th

2019   Flash Talk on "Images as Data" at the Summer Institute in Computational Social Science, Massachusetts Institute of Technology, Boston, MA, June 26th

2019   Guest Talk on "Ethnographic Writing and Representations" for Ethnography Field Experience Seminar, Northeastern University, Boston, MA, February 20th

2019   Co-led Workshop on Using Python for Statistical Analysis with Prof. Laura K. Nelson, Northeastern University, Boston, MA, January 28th

2019   Co-led Workshop on Intro to Python for Economics Majors with Alexis Yohros, Northeastern University, Boston, MA, February 26th

2018   Workshop on Social Network Analysis using Gephi for the T32 Training Program at the Social Science Environmental Health Research Institute (SSHERI), Northeastern University, Boston, MA, February 7th

Workshops and Summer Schools (Accepted to and Attended)
2019   Pew Research Center Workshop on Image Processing, Politics and Computational Social Science (PaCSS) Conference, Washington D.C.
2019   Summer Institute in Computational Social Science – Boston Site, Massachusetts Institute of Technology, Boston, MA; June 16th-29th
2019   Training Researchers to Inform Policy Workshop, Scholars Strategy Network, Northeastern University, Boston, MA 2019

Fellowships, Awards & Grants

2020   Northeastern University Dissertation Completion Fellowship (~$11,500)
2019   PhD Network Travel Grant, Northeastern University ($500)
2019   NULab for Text, Maps, and Networks Travel Grant, Northeastern University ($200)
2018   Summer Institute in Computational Social Science Seedling Grant, Russel Sage Foundation ($500)
2018   The Asian Studies Research Award, Center for International Affairs, Northeastern University ($2,000)
2016   Department of Sociology & Anthropology Summer Research Grant, Northeastern University ($1,750)
2015   Eli Segal National Community Service AmeriCorps Education Award, AmeriCorps VISTA ($6,000)
2014   Eli Segal National Community Service AmeriCorps Education Award, AmeriCorps NCCC ($6,000)
2011   College of Arts and Letters Alumni Scholarship Recipient, Michigan State University ($5,000)

Methodology Skills/Programming Languages

Languages/Programs: Python, R, SQL, SPSS, STATA, Gephi, Orange, Tableau, ArcMap, Carto, QGIS, Zotero, Mendeley, Storymaps, Github, Qualtrics, Word, Excel, Power Point, Canva, WordPress, HTML, Big Data, Data Visualization, Docker, Apache Airflow, PostGRES

CRMS, APIs & Databases Worked with: Snowflake,Smartsheets, Launchpad, Apricot, Census, ACS, USDA ERS, Bureau of Economic Analysis, IRS, USPS, Social Vulnerability Indexes, Airbnb, Yelp,

Google Places, Flickr, NYTimes, CDC, Zillow, BLS, Indeed, FCC, Detroit Open Data Portal, Boston City Data Portal, Austin City Data Portal, and more

Methods/Libraries:

Statistical Analysis:	ANOVA, OLS Regression, Logistic Regression, Multinomial Regression, Poisson/Negative Binomial Regression, Factor Analysis, Basic Structural Equation Modeling, Psychometrics, Conjoint Analysis, Spatial Autoregression, IMPLAN, Shiftshare
Natural Language Processing:	Structural Topic Modeling, Sentiment Analysis, Quantitative Text Analysis
Social Network Analysis:	Stochastic Actor-Oriented Modeling, Dynamic Network Analysis, Stochastic Actor-Oriented Modeling, Missing Data Imputation using SAOMs, ERGMs and RSiena, Network X, igraph, tnet
Computer Vision:	Bag of Visual Words, Convolutional Neural Networks
Machine Learning:	Orange, SVMs, Hierarchical Clustering, Transfer Learning
GIS & Data Visualization:	Geopandas, Contextily, Shapely, Plotly, Tableau, ArcMap, Carto, QGIS, Storymaps, ggplot2, matplotlib
Building Data Sets:	APIs, Webscraping, Merging Administrative Data, geo-coding survey data and merging with Census, ACS and other spatial datasets at various census geographies
Ethnography/Fieldwork:	NVivo Qualitative Data Software, Participant Observation, Semi-Structured Interviewing, Multi-sited Ethnography, Focus Groups
Relevant Skills:	Passion, Problem-Solving, Collaboration, Flexibility, Team Building, Active Listening, Constructive Criticism, Interpersonal Communication, Building Buy-In, Solicit Feedback, Public Speaking, Written Communication, Data Analysis, Research, Project Management, Community & Union Organizing, Meeting Facilitation, Agenda Setting, Stakeholder Management

Professional Activities and Service

Department Service

2019-2020	Graduate Committee, Department of Sociology & Anthropology, Northeastern University
2018-2019	Intellectual Events Committee, Department of Sociology & Anthropology, Northeastern University

College Service

2018-2020	Graduate Student Union Organizer, Graduate Employees of Northeastern University - UAW
2019-2020	Deans Advisory Council on Graduate Programs, College of Social Science & Humanities, Northeastern University

Teaching and Research Positions

Teaching

Lecturer I, University of Michigan, Fall 2022
Course: *Applied Learning Seminar – Policy, Inequality & Histories of Uneven Development,* undergraduate, Gerald R. Ford School of Public Policy

Instructor of Record, Northeastern University, Summer 2020
Course: *Digital Methods for Social Sciences and Humanities,* undergraduate, College of Social Science and Humanities

Instructor of Record, Northeastern University, Spring 2019
Course: *The Foundations of Sociological Theory,* undergraduate, Sociology

Teaching Assistant for Summer Dialogue to South Africa, Northeastern University May-July 2017
Course: *The Right to the City*, undergraduate, College of Social Science and Humanities
   Duties:
- Acted as a teaching assistant during a study abroad trip to Johannesburg and Capetown, South Africa, supervising and guiding 25 undergraduate students in coursework and field experience
- Partnered with local non-profit and activist organizations to arrange field research projects for the undergraduate students that could be useful to these organizations themselves, by conducting data collection or producing online content that the organizations could use
- Supervised and managed five (5) research projects, each project being conducted by five students, 25 undergraduate students in total
- Received training in Service Learning, which I then used to engage students in reflection on their time spent in the field, and reflect on how their service done for the community organizations impacted the community and themselves
- Helped the Professor running the Dialogue coordinate classes, readings, assignments, field trips, and logistics for the trip

Teaching Assistant, Northeastern University, September 2015 to April 2021
   Classes:
   *Global Markets & Local Culture*s; Fall 2015; Doreen Lee, Associate Professor of Anthropology
   1. Guest Lecture on "Transnational Advocacy Networks and New Digital Media"

   Class, Power and Social Change; Spring 2016; Gordana Rabrenovic, Associate Professor of Sociology

   Religion & Modernity; Fall 2016; Carie Hersh, Teaching Assistant Professor of Anthropology

   Social Theory; Spring 2017; Michael Brown, Professor of Sociology
   - Guest Lecture on "Weber on Stratification and Class"
   - Guest Lecture on "Marx and Radical Criticism"

   Social Theory; Fall 2017; Linda Blum, Professor of Sociology
   - Guest Lecture on "Alienation and Commodity Fetishism in Marx"

   People & Cultures; Spring 2018; Carie Hersh, Teaching Assistant Professor of Anthropology
   People & Cultures; Spring 2021; Zoltan Gluck, Assistant Professor of Anthropology
   Duties:
- Grading and editing undergraduate student work
- Creating and executing class-based presentations on curricular material
- Advising and tutoring undergraduates
- Assisting Professor in curriculum development

Research

Steans Family Foundation | Chicago, IL
   Director of Research & Evaluation – North Lawndale, August 2024 to Present

- Built out data strategy and reporting system in order to **track, measure, and evaluate the success of their social investments across their economic opportunity, housing, education (early childhood, K-12, post-secondary), workforce development and policy portfolios**, unlocking insights to **drive data-driven decision-making** across the organization.
- Evaluated impact by combining and analyzing a host of secondary administrative data sets, neighborhood level data collection via data-sharing agreements with anchor institutions, and novel data collection associated with foundation specific investments.
- Conducted **background research and wrote literature reviews** on specific program interventions and social issues, **secondary research** to depict baseline conditions and long-term trends in the neighborhood, and **primary qualitative and quantitative research** working with community partners and residents.
- The research projects conducted include **studies of guaranteed income, community wealth-building, affordable housing development, STEAM schools, Pre-K seat allotments, and local workforce pipelines**.
- Networked and **engaged with local community groups on the ground** including small non-profits and service providers, anchor institutions, planning associations, resident councils, universities, boards, and more to produce **community-based participatory research**.

Data Strategy & Analytics, City of Detroit, Detroit, MI
Deputy Director of Research & Outcomes, April 2023 to Present
- In charge of measuring, analyzing and reporting on the impact of the $826 million appropriated to the City of Detroit as part of the American Rescue Plan Act (ARPA) across a portfolio of 100+ projects to the U.S. Department of Treasury, the Office of the Chief Financial Officer, the Mayor's Office, City Council and broader Detroit Public.
    - Led and supervised a Data Analytics team working and liaising with 100+ project data stewards across all city departments and aligned agencies. Wrote the scope of work for and managed consultants on program, evaluation and policy work.
    - Worked with each individual project team to define their reporting data models, key performance indicators, and equity driven impact metrics to tell the story of their project in a data-driven capacity, setting up pipelines for data collection and centralization, and designing automated dashboards with visualizations and targets to report on project performance to all relevant community partners.
- Worked to build a Performance Management and financial data infrastructure to allow the Office of the Chief Financial Officer and Mayor's Office to best evaluate the success of ARPA projects to help make evidence-driven decisions about fund reallocation, project expansion, and transition of projects to the City's general fund post-ARPA funding.
- Acted as thought leader producing contextualized analyses of the impact of individual projects and the whole portfolio on the level of the city and its various sectors and populations, evaluating their equity & economic impact and making recommendations for improving project scope and targeted services.
    - Standardized and aggregated metrics across 100+ projects for reporting on ARPA performance across the city's portfolio, combining existing financial, demographic, spatial, and performance data to secondary administrative datasets to produce quantitative & qualitative analyses for use by and distribution to city leadership. Included machine-learning, economic impact, and labor market analyses to speak to the multiplier impacts of ARPA funds at the project and city level.
    - Lead Author on the City of Detroit's Annual ARPA Recovery Performance Report 2023 to U.S. Treasury. Produced ad hoc reports for various city partners in the public and private sectors, produced maps and infographics for the city website, and research material for press and communications related to the city's ARPA portfolio.
- Acted as leadership on City Data Governance, designing and delivering seminars to hundreds of Data Stewards reporting on ARPA project performance. Part of a larger initiative I led on the part of the Data Strategy & Analytics Team alongside the City's Budget Office and Lean Process Improvement Team to instill a larger cultural shift within the city towards data literacy, data-driven decision-making, and performance management.

Community Health Corps, Detroit at Work, Detroit, MI
Director of Data and Community Research, July 2022 to April 2023
- Built and managed a data analytics team responsible for data engineering, analytics, and statistical modelling of organizational data to aid in business strategy and outreach for the Community Health Corps (CHC), a program under the City's workforce development agency tasked with providing outreach and restorative case management to the city's most vulnerable residents by navigating them to existing resources around the city for services including but not limited to housing, employment, mental & physical healthcare, food security, & home repair, etc.
- Worked on workforce development, non-profit & social services ecosystem, community health, and political participation research projects across the City of Detroit preparing reports and presentations for City Council, the Mayor's Office and Cabinet, the City's Workforce & Economic Development Stakeholders, and city non-profits & funders
    - Created a bipartite social network model tracking CHC client referrals to 150+ providers in Metro Detroit, identifying both referral acceptance/denied as well as which organizations are informally working together to provide services to different client pools. Used the results of this model to 1) hold providers rejecting clients but receiving city funding accountable, 2) identify service capacity bottlenecks to provide strategic planning support to DESC and the Mayor's Office on where further funding should be invested, and 3) identify already existing organizational synergies to guide the development of formal partnerships and develop shared-funding proposals.
    - Conducted Community Research using both internal and external data sources employing GIS, Machine Learning, Network Analysis, and Data Visualization to understand CHC's footprint in the city, using CHC's unique client pool to identify patterns and trends facing Detroit's most vulnerable that could speak to and inform broader policy changes at the city-level, with the research being lifted both to City Officials and Community Residents
    - Developed, designed and carried out Labor Market Research at the Detroit at Work Organizational Level investigating skills-based hiring, job-seeker & employer matching, occupational demand, the geographic distribution of jobs and workers throughout the city, sectoral and occupational competition, and more.
- Worked in cross-agency coalitions to write data pipelines, curate & manage databases, participate in RFPs for CRMs, handle CRM data transfers, and create Tableau Dashboards for both ARPA grant reporting and real-time data-sharing with DESC, Mayors Office and City Council
- Served as a Project Partner between Detroit at Work (DESC) and Challenge Detroit designing projects to place five teams of 30 challenge fellows on important, impactful and capacity building workforce development projects around DESC foregrounded in human-centered design. Also organized multiple conference/event days and stakeholder interviews related to the partnership and served as a project manager for two teams.

Postdoctoral Researcher
Bureau of Business Research, IC² Institute, University of Texas at Austin, September 2021 to Present
- Worked on applied sustainable economic and community development research projects partnering with city and state government agencies, private corporations, and academic researchers
- Built a computational data infrastructure to support various research projects in geo-locating survey respondents within various levels of census geography (block, tract, place, msa, county) to merge in secondary spatial data (demographic, economic, housing, health) for community level and spatial analysis
- Contributed to an Economic Impact report commissioned by UT Austin's Dell Medical School evaluating the impact of the medical school on the Central Texas Community, guiding future community outreach and service provision
- Collaborated with Worker Center run by Austin Public Health to disrupt exploitation between day laborers and employers
- Conducted dynamic network analysis on longitudinal survey data of sexual assault and violence among UT students and on day-laborer employment networks through a partnership with the City of Austin's Department of Public Health

- Managed consulting teams of PhD Students on projects using conjoint analysis and structural equation modelling looking at the impact of residential mobility and entrepreneurial intention on community development decision-making respectively
- Worked on funding proposals for interdisciplinary research with collaborators across academic, governmental and private institutions

Northeastern University
Research Fellow at the NULab for Text, Maps, and Networks, Fall 2019 to Summer 2020
- NULab Research fellows support the NULab, work with the Digital Integration Teaching Initiative (DITI) and pursue their own research in collaboration with NULab Affiliated Faculty.
- Responsibilities: Assisting with NULab's events by creating and sharing documents for outreach and publicity, coordinating with visiting speakers, and ensuring that events run smoothly. Writing and publishing blog posts about research projects, events, and other important NULab-related subjects. Working on the NULab's Digital Integration Teaching Initiative to bring new digital skills to classrooms across the humanities and social sciences. As part of this role, I helped create teaching materials, partnered with faculty, and developed and taught assignments and workshops. I also worked on other NULab research initiatives, performed grant writing and administration, and worked on other projects related to the NULab's interdisciplinary teaching and research.
- Assignments and Workshops Taught
  - Data Ethics
  - Mapping with Tableau for Urban Sociology
  - APIs and Computational Text Analysis using Lexos

Northeastern University
Research Assistant from September 2018 to June 2019
- Project: "Graphic-content Sharing in Our Digital Society: Discovering New Sociological Insights through Computer Vision"
- Principle Investigators: Laura K. Nelson, Assistant Professor of Sociology, Northeastern University; Devesh Tiwari, Assistant Professor of Computer Engineering
- Duties: Research applications of computer vision and image processing algorithms to social science inquiries. Performed literature reviews of computer vision use in the social sciences, existing and emerging tools in the computer science, existing and possible datasets for application. Generating research ideas and designs around possible applications. Collecting and analyzing data, working with research team in the computer science department to implement possible applications. Writing code and creating pipelines for image analysis using image feature detection and description, Convolutional Neural Networks (CNN's) and SVM and transfer learning.

Prior Work History

Texas Impact
Outreach Coordinator, Policy Analyst and AmeriCorps Volunteer (VISTA) from August 2014 to August 2015
- Conducted local Austin community outreach to nonprofits, faith-based organizations and community-based organizations to create a network of community-based partners to address the area's poverty concerns
- Organized and implemented presentations pitching a state and non-profit based program helping people apply for social benefits
- Recruited and trained volunteers for nonprofit programs
- Worked closely with the Texas Department of Health and Human Services in implementing the Community Partner Program
- Debriefed partners and affiliated organizations on the legislative matters going on in the Texas Legislature, Texas Impact being a social justice advocacy group advocating on behalf of the faith-based community at the policy level
- Wrote updates, publications and articles on Texas State Policy during the 2015 Legislative Session, Conducted Legislative Material Drop-Offs and Visits

- Researched and Co-Produced "Poverty in Texas 2015" Publication

AmeriCorps NCCC-FEMA Corps
Corps Member from August 2013 to June 2014
- Worked at the FEMA National Processing Service Center
  - Worked as a helpline representative and answered disaster survivor calls
  - Used, accessed and updated Disaster Survivor National Emergency Management Information System (NEMIS) database
  - Created and maintained a region-wide contact management database using Microsoft Access
  - Conducted research and aided in the completion of the Region's Incident Support Guide
  - Performed 1700+ hours of Community Service
  - Supported team projects, assisted the team leader in running meetings and programs, managed team members in the team setting
  - Served as media representative, creating media products for the program and team including social media posts (twitter, Facebook, blogs), newsletters, videos, news articles and press releases
  - Vice President of the Governance Council